

# CASA GRANDE MUNICIPAL AIRPORT MASTER PLAN STUDY

## INTRODUCTION

The overall purpose of this Airport Master Plan Study is to present guidelines for development of airport facilities for the Casa Grande Municipal Airport (CGMA). This plan seeks to identify the aviation need of the community while maintaining a compatibility with other area airports and the surrounding environment.

The investigation will first study the existing airport and determine what improvements, if any that are necessary to meet the future needs of the community of Casa Grande and the flying community. From this phase, an overall "generic" airport will be identified as the ultimate facility for the 20 year planning period. While the study is tailored around the typical Federal Aviation Administration (FAA) short, intermediate, and long term periods, demand-driven events will be identified which will trigger a given improvement.

The final phase of the study will research and develop a financial feasibility plan. This plan should identify potential means by which the community may pursue to finance any improvements to the aviation facilities at Casa Grande Municipal Airport.

An Airport Layout Plan (ALP) will also be provided as a result of the study. The ALP provides a graphical presentation of the present and future development at the airport, and will be updated per Appendix 7 of Federal Aviation Administration (FAA) Advisory Circular 150/5100-13, *Airport Design*.

This report will present forecasts of both operations and based aircraft, and determines both the present and future critical aircraft for the twenty year planning period. Based on the critical aircraft, the facility requirements for the Casa Grande Municipal Airport will be determined for the following time periods.

Phase I	1996-2001
Phase II	2002-2006
Phase III	2007-2016

The ALP is primarily intended for use by the aviation community and those authorities and public agencies which are charged with the approval, promotion, and funding of the improvements proposed. All of those involved in the airport planning process, especially, Federal and State aviation officials, airport board members, town officials, state/regional/local planning personnel and the general public are urged to review this report periodically to compare actual aviation developments with those forecast. The community is urged to annually review the short term (5-year) plan to revalidate the projects therein. This plan is commonly referred to as the Capital Improvements Plan (CIP) and its revalidation accomplishes the following:

- Solidification of immediate priorities for the next five years,
- Facilitation of financial programming on local, state, and Federal levels,
- Identification of the projects for the last year in the planning period to ensure continuation of the CIP

As the required facilities are determined, state and local governmental units, and any private business or individuals who may be affected by the proposed developments will be provided an opportunity to review and comment on the ALP.